

The insulin injection without a needle. *INJEX. The soft way to inject.*



INJEX. Life with diabetes can be easier.

Discomfort or even anxiety related to regular insulin injections by needle belong to the past now. Irrespective of whether you are changing from oral dose of medication to insulin therapy or have had to inject insulin several times a day for a long time: with INJEX you can inject insulin in a tissue-preserving way and avoid possible scar formation from daily needle injections.

Through the skin in a fraction of a second

With INJEX, licensed and tested in September 1999, you can make your life substantially easier.

With this reusable injector the insulin is pushed through a micro-orifice with precisely measured pressure in between the superficial skin cells into the tissue below in a fraction of a second. And this method is virtually

painless, veritably tissue preserving and without the risk of injury. Infections resulting from needle-stick injuries are likewise ruled out.

Can be used when you are travelling

INJEX can be used easily everywhere, even on holiday or on excursions. The device has the size of a ballpoint pen. Together with the case and accessories it fits in a small bag.



INJEX ○ virtually painless ○ tissue preserving ○ strictly subcutaneous ○ safe

Information for diabetics

INJEX. The reusable “syringe without needle”.

Easy and safe to use.

No special skills required to use INJEX:

- You simply fill the ampoule especially developed for the system with your preferred choice of insulin.
- Replaceable adapters and a reusable transporter enable you to transfer the insulin quickly and easily from all the usual types of containers into the sterile ampoule.



Transferring Insulin in the ampoule using the transporter adapter

- After the ampoule has been filled, it is screwed in the injector.
- Once prepared, place the injector firmly and vertically on the skin at the appropriate site for a subcutaneous injection.
- Exert slight pressure on the trigger of the INJEX and the injection is carried out in a fraction of a second. Hold the injector at the injection site for two seconds after the injection has been carried out.



It is important that the injector is placed vertically and firmly on the skin at the injection site

- Trials with this system have shown that the Ø 0.18 mm fine jet of insulin spreads through the subcutaneous fatty tissue and selects the route of least resistance. In effect no damage to blood vessels, nerve fibres or osseous tissue have been observed. The thinnest needle has a comparatively thick diameter of 0.25 mm.
- The subsequent disposal of the ampoule is carried out without the risk of injury from unintended needle-sticks. The used ampoule which is manufactured using the high-tech plastic Makrolon® from Bayer can be disposed of as normal domestic waste.
- The required units of insulin must not be altered when you change to INJEX.

The benefits at a glance:

- Insulin injection without a needle – virtually painless
- Veritably tissue preserving
- Without risk of injury
- No risk of infection from needle-stick injuries
- Compact and can be used everywhere
- Fast, easy and safe in use and effect
- Insulin with different periods of effect can be mixed (mixture as recommended by manufacturer)
- Can be used with all licensed types of insulin
- Reusable, long-lasting and low in maintenance

In brief: INJEX makes life a whole lot easier for diabetics.



If you have queries or suggestions please contact us.